



CURRICULUM VITAE

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Academic qualifications

MSc: Animal Sciences . Islamic Azad University of Tehran, Iran.

BSc: Biology. Islamic Azad University of Tehran, Iran.

Research interests: Control of Nematode (Root knot Nematodes)

Selected research projects:

1-Study on the effect of Marigold on control of root knot nematode,

Meloidogyne javanica on greenhouse cucumber.

2-Study of antagonistic effects of *Talaromyces flavus*, *Tricoderma harizanum* on root knot nematode (*Meloidogyne javanica*) on tomato.

3-The effect of different population levels of root knot nematodes

(*Meloidogyne javanica*) on tomato.

The effect of different population levels of root knot nematodes (*Meloidogyne javanica*) on cucumber.

4- Control of root knot nematode(*Meloidogyne* spp) by using of nematicides on cucumber(*Cucumis sativus*) and determination of residue on fruit

5- Tomato grafting as alternative methode for control of soilborne diseases of greenhouse tomatos.

- 6- The evaluation of reaction of some tomato genotypes of national plant genes bank to root knot nematode (*Meloidogyne javanica*) under the control condition .
- 7- A study on the effect of a native isolate of *Steinernema feltiae* on tomato leafminer (*Tuta absoluta*) in laboratory and greenhouse conditions
- 8- Efficiency of *Imicyafos* (Nemakick30%) in controlling root knot nematode(*M. javanica*) in cucumber under glasshouse condition.
- 9- The Detection and screening (Biological and ecological) of local isolates of entomopathogenic nematodes in some of the provinces of Iran.
- 10- The evaluation of resistance of tomato accessions of National Gene Bank to root knot nematode (*Meloidogyne javanica*) under the greenhouse and microplate conditions.
- 11-Study of the efficacy of biological compounds (Fluzyme, Fluzyme plus, Midew cure, Fosphite, Marigold and Gc-Mite) in biological control of insect pests and diseases of greenhouse cucumber and tomato.
- 12-Efficiency of Tervigo in controlling root knot nematodes in cucumber , under glasshouse condition.

Selected publications

Journals papers:

- Fatemy, S and **Abootorabi, E.** 2002. Hatching activity, Invasion rate and Reproduction of *Heterodera schachtii* on Oilseed rape Cultivars. *Nematol. Medit.* Vol.1 (30):163-166.
- Abootorabi, E** and Fatemy, S. 2003. The study of development of *Heterodera schachtii* in four cultivars of oilseed rape. *Scientific and research quarterly of Agricultural Jahad* ISSN: No 56 & 57, 54-61.
- Morovati M, **Abotorabi E,** Tajbakhsh MR, Valian A, Parsa H. 2013. To determine the residue levels and withdrawal period of nematicide Phenamiphos (Nemacur® 10G) on cucumber under greenhouse conditions. *Journal of Science and Technology of Greenhouse Culture, Isfahan University of Technology* .
- Abootorabi, E.** 2013. Application of Grafting Method for Management of Soil born Disease of Greenhouse Tomato. *Plant Pathology Science.* V, 2 (2). 1-11.

- Abootorabi, E.** 2014. Report of Native Isolate Pathogenicity of *Steinernema feltiae* on Tomato Leafminer, *Tuta absoluta*. *Biocontrol in Plant Protection*. Vol. 1 (2) : 107-109.
- Abootorabi, E.** 2014. Distribution and Control of Seed born Nematodes. *Sonbole*. No, 234. 72-73.
- Abootorabi, E** and Dehghan Nasrabadi, A. 2016. Studies on effect of different population levels of root knot nematode (*Meloidogyne javanica*) on tomato. National Conference of Research and Technology finding in Natural and Agricultural Ecosystem. 233-242 P.
- Abootorabi, E** and Aslani, A. 2016. Investigating the effect of root knot nematode population density on vegetative traits of cucumber and nematode population indices. National Conference on New Issues in Agriculture.
- Abootorabi, E** and Naraghi, L. 2016. Biological control of tomato root knot nematode (*Meloidogyne javanica*) by *Talaromyces flavus* and *Trichoderma harzianum* in greenhouse condition. *Biocontrol in Plant Protection*. Vol 4(2).
- Abootorabi, E.** 2016. Biological control of some agricultural pests by Entomopathogenic nematodes. *Agricultural Magazine*. Vol8(57):16-18.
- Abootorabi, E .** 2017. Four Marigold species as control agents of root knot nematodes. *Plant Pathology Science*. Vol 6(1):68-79.
- Abootorabi, E** and Farrokhi, Sh. 2017. Assessing the rol of *Steinernema feltiae* in mortality of *Tuta absoluta* in laboratory conditions. 18th Conference of Biological Control. Gilan.
- Abootorabi, E.** 2018. The root knot nematode management method in greenhouse cultivation. *Agricultural Magazin*.
- Abootorabi, E** and Farrokhi, Sh. 2019. Efficacy of a native isolate of *Steinernema feltiae* on tomato leafminer (*Tuta absoluta*) under laboratory and greenhouse condition. *Biocontrol in Plant Protection*. Vol6(2).
- Abootorabi, E** and abbasi moghadam, A. 2019. Reaction of some local tomato accessions of National Gene Bank of Iran to root knot nematode (*Meloidogyne javanica*) under greenhouse condition. *Iranian Journal of Plant Pathology*. Vol 54(3).197-205.
- Abootorabi, E** and Ahmadi, A. 2020. Efficiency of *Imicyafos* (Nemakick 30%) in controlling root knot nematode (*Meloidogyne javanica*) in Cucumber under glashouse condition. . *Pesticides in Plant Protection Sciences*. 7(2):155-165.
- Abootorabi, E** and Farrokhi, Sh. 2020. The control of *Tuta absoluta* by *Bacillus thuringiensis* and *Steinernema feltiae*. . *Greenhouse Vegetable Promotion Magazine*. Kerman. 3(1):21-28.
- Abootorabi, E** and Ahmadi, A. R. 2021. The Efficacy of the Nematicide *Imicyafos* (Nemakick® SL 30%) in Controlling of Root Knot Nematode, *M. javanica*, in

Cucumber under Glasshouse Conditions. Greenhouse Vegetable Promotion Magazine. Kerman.4(1):41-45.

Hosseini nejad, s. A., **Abootorabi, E.**, Ahmadi, A.R and Saiedi naieni, F. 2021. The control of Root Knot Nematode, *M. javanica*, by the Nematicide Imicyafos (Nemakick® SL 1.5%). Greenhouse Vegetable Promotion Magazine. Kerman. 4(2): 1-5.

Abootorabi, E and Naraghi, L. 2021. The control of tomato root knot nematode (*Meloidogyne javanica*) by antagonistical fungies. Greenhouse 4(1): 29-34..Vegetable Promotion Magazine. Kerman

Abootorabi, E and Ebrahimi, L. 2022. Introduction of native isolates of entomopathogenic nematodes from some provinces of the country and evaluated their pathogenesis on *Galleria mellonella*. Plant Pathology Science. 11(1):89-99.

Conference papers:

Abootorabi, E ., Fatemy, S and Balooch, M. 2000. Biology and Development of *Heterodera shachtii* on Oilseed Rape. 14th Iranian Plant Protection Congress. 301pp.

Fatemy, S, **Abootorabi, E**, Ebrahimi, N and Aghabeigi, F. 2006. First report of *Pratylenchus neglectus* and *P. thornei* infecting Canola and Weeds in Iran. Plant disease.

Tanha Maafi, Z., Ebrahimi, N., **Abootorabi, E** and Spiridonov, S. D. 2006. Record of Two Steinernematid Species from Iran. 17th Iranian Plant Protection Congress. 482pp.

Abootorabi, E., Hosseininejad, S. A and Babaie, M. 2008. The Effect of Application of Nematicides on Root knot Nematode (*Meloidogyne javanica*) on Cucumber under Greenhouse Condition. 18th Iranian Plant Protection Congress. 563pp.

Abootorabi, E and Saeidi naeini, F. 2010. The Effect of Different Population Levels of Root knot Nematode (*Meloidogyne javanica*) on Tomato and Cucumber in Greenhouse Condition. 19th Iranian Plant Protection Congress. 541pp.

Abootorabi, E., Hassanpoor Estahbanati, A and Sarpelleh, A. 2010. Control of Root knot Nematode (*Meloidogyne javanica*) in Greenhouse Tomato by Grafting Method. 19th Iranian Plant Protection Congress. 619pp.

Abootorabi, E. 2011. The Study of Biological Control of *Ectomyeloidis ceratoniae* by Entomopathogenic Nematodes (*Steinernema feltiae*). National Pomegranate Symposium. University of Ferdowsi, 28-29.

Abootorabi, E. 2011. The Effect of Residue of Nematicide to Control of Root knot Nematode (*Meloidogyne javanica*) on Cucumber. Damdar Magazin. 38-41.

Abootorabi, E and Valizadeh, A. 2012. Preliminary Study of Using Nematode Parasites of Insects (Entomopathogenic Nematodes) to Control of Maize Borer (*Ostrinia nubilalis*). The First National Congress of Monitoring and Forecasting in Plant Protection. Borujerd. 206pp.

- Abotorabi, E** and Barooti, SH. 2012. Weeds as Host of Plant Parasitic Nematodes. The Proceedings of 4th Iranian Weed Science Congress. 198pp.
- Abotorabi, E.** 2014. The Rol of Grafting on Control of Root knot Nematode (*Meloidogyne javanica*) in Greenhouse Tomato Cultivation. The First National Congress of Monitoring and Forecasting in Plant Protection. Borujerd. 208pp.
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